

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A concentrated nitrogen and phosphorus fertilizer composition comprising, in combination:

an ammonium phosphite composition having a pH in solution with water in the range of about 5 to 8, a weight percent of nitrogen in the range of about 6 to 12, and a weight percent of phosphorus in the range of about 32 to 36 weight percent, said phosphorus comprising a phosphite ion in solution.

2. (original) The fertilizer of claim 1 in combination with an ammonium phosphate compound comprising a source of phosphate ions in solution.

3. (currently amended) The fertilizer of claim 1 in combination with ~~a substantially equal amount of ammonium phosphate wherein the amount of phosphorus from the ammonium phosphate is substantially equal to the amount of phosphorus from the ammonium phosphite.~~

4. (original) The fertilizer of claim 1 in a water solution of 9.6 ± 0.6 weight percent nitrogen and 34 ± 2 weight percent P_2O_5 .

Claims 5-7 (canceled).

8. (currently amended) A nitrogen and ~~phosphorous phosphorus~~ fertilizer composition comprising in combination a mixture of ammonia, ~~phosphorous phosphorous~~ acid and water adjusted to maintain pH in the range of about 5 to 8 ~~where the composition includes nitrogen in the range of about 6 to about 10 weight percent and phosphorus in the range of between about 22 to about 36 weight percent.~~

9. (original) The composition of claim 8 adjusted to maintain pH in the range of about 5.5 to 6.5.

Claims 10-12 (canceled).

13. (currently amended) A method for fertilization of plant material comprising the step of applying a fertilizer compound as set forth in any of claims ~~1-12~~ 1-4 and 8-9.

14. (currently amended) A method of manufacture of a fertilizer composition comprising the steps of:

mixing water, a source of nitrogen and ~~phosphorus~~ phosphorous acid, and maintaining the temperature of the mixture at less than about 150°F and pH in the range of about 5 to 8 to provide a fertilizer having a concentration of phosphite ions,

wherein the fertilizer composition includes nitrogen in an amount between about 6 to about 10 weight percent and phosphorus in the form of P₂O₅ in an amount of between about 22 to about 36 weight percent.

15. (original) The process of claim 14 wherein the nitrogen source is ammonia.

16. (original) The process of claim 14 wherein the pH is in the range of about 5.5 to 6.5.

Claims 17-20 (canceled).

21. (currently amended) The process of claim ~~19~~ 14 wherein the nominal nitrogen—phosphorus—potassium composition of the fertilizer is 9.8—34-0.

22. (currently amended) The process of claim ~~19~~ 14 wherein the nominal nitrogen—phosphorus—potassium composition of the fertilizer is 9.6-34-0.

23. (currently amended) The process of claim 19 14 wherein the nominal nitrogen—phosphorus—potassium composition of the fertilizer is 6.4-34-0.

24. (currently amended) The process of claim 19 14 wherein the nominal nitrogen—phosphorus—potassium composition of the fertilizer is 8.8-29-0.

25. (currently amended) A method of manufacture of a fertilizer composition having a nitrogen component and a phosphorus component in the form of phosphite ions comprising the steps of:

mixing water with an acid taken from the group consisting of polyphosphorus polyphosphorous acid, phosphorus phosphorous acid, analogs, derivatives and mixtures thereof and a nitrogen source at a temperature below about 150°F and at a pH of about 5-8 to provide a fertilizer having a concentration of phosphite ions,

wherein the fertilizer composition includes nitrogen in an amount between about 6 to about 10 weight percent and phosphorus in the form of P₂O₅ in an amount of between about 22 to about 36 weight percent.

26. (original) The method of claim 25 wherein ammonia is the nitrogen source.

27. (original) The method of claim 26 wherein the weight percent of nitrogen is about 9.6 ± 0.4 and the weight percent of phosphite is about 34 ± 2.0.

28. (currently amended) The method of claim 25 wherein the nitrogen source is including the further step of mixing a compound taken from the group comprising ammonium nitrate, ammonium phosphate compounds and mixtures thereof.

29. (currently amended) A product made by the process of any of the claims 14-28 14-16 and 21-28.

30. (currently amended) A method of use of the product of claims ~~1-12 1-4 and 8-9~~ or 29 comprising the step of applying said product in liquid form to plants or soil as a fertilizer or fungicide, or both.

31. (new) The fertilizer of claim 2 wherein the concentration of phosphite ions in the fertilizer is greater than the concentration of phosphate ions in the fertilizer.

32. (new) The composition of claim 8 wherein the temperature of the composition is maintained below about 150°F.

33. (new) The composition of claim 8 wherein the composition includes ammonium nitrate.

34. (new) The composition of claim 8 wherein the phosphorus includes a phosphite component.

35. (new) The composition of claim 34 wherein the phosphite component includes monoammonium phosphite and diammonium phosphite.

36. (new) The composition of claim 34 wherein the composition includes a phosphate component.

37. (new) The composition of claim 36 wherein the phosphate component is selected from the group consisting of ammonium phosphate, ammonium orthophosphate, ammonium polyphosphate and mixtures thereof.

38. (new) The composition of claim 36 wherein the phosphate component is present in the fertilizer in an amount no more than the amount of phosphite component.

39. (new) The composition of claim 36 wherein the phosphite component is present in the fertilizer in an amount substantially equal to the amount of phosphate component.

40. (new) The method of claim 14 wherein the nitrogen source is ammonium nitrate.

41. (new) The method of claim 14 comprising mixing a phosphate component to provide a fertilizer composition having a combination of phosphite ions and phosphate ions.

42. (new) The method of claim 41 wherein the amount of phosphite ions is greater than the amount of phosphate ions.

43. (new) The method of claim 41 wherein the amount of phosphite ions is substantially equal to the amount of phosphate ions.